

## ECS Configuration Change Request

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Page(s)

1. Originator Henry Baez	2. Log Date: 10/22/02	3. CCR #: 02-0936	4. Rev: —	5. Tel: 301-925-1025	6. Rm #: 2101D	7. Dept. Sys Eng
8. CCR Title: Upgrade AIX 4.3.3 to Maintenance Release 10 and fixes in VATC and PVC firewalls.						
9. Originator Signature/Date /s/ Henry Baez 10/21/02			10. Class II	11. Type: CCR	12. Need Date: 10-23-2002	
13. Office Manager Signature/Date /s/ James R. Mather 10/21/02			14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted:			17. Schedule Impact:		18. CI(s) Affected:	
19. Release Affected by this Change: 6A		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other:						
23. Problem: (use additional Sheets if necessary) There is a possible stack problem with malformed TCP packets that can lead AIX to a Denial of Service (DOS) condition. In order to maintain a high level of security the firewall AIX Operating System (OS) needs to be updated to latest Maintenance Release (10) and fixes in all firewalls. Will test Maintenance Release 10 and fixes in VATC and PVC firewalls first.						
24. Proposed Solution: (use additional sheets if necessary) Install and test Maintenance Release 10 and fixes in VATC firewalls first. Work out in VATC install procedures. Then install Maintenance Release 10 and fixes in PVC firewalls. Security levels need to be kept up to date to provide maximum protection for DAAC and SMC.						
25. Alternate Solution: (use additional sheets if necessary) None.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) There is risk that there might be a DOS attack against a DAAC and production flows are severely impacted.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): Byron V. Peters /s/ 10/23/02			Disposition: <span style="border: 1px solid red; color: red;">Approved</span> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. M&O CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			

## ADDITIONAL SHEET

**CCR #:** 02-0936

**Rev:**    **Originator:** Henry Baez

**Telephone:** 301-925-1025

**Office:** 2101D

**Title of Change:** Upgrade AIX 4.3.3 to Maintenance Release 10 and fixes in VATC and PVC firewalls.

1. Get a copy of Portus 5.0 and eBorder 3.5 final release from software library.

CM01AJA00 Revised 10/15/01

*ECS*